

WHAT IS CLAIMED IS:

1. A method of managing data stored in a queue in memory, the method comprising:
reading data from a head of the queue;
5 updating the location of a latest read pointer to a location corresponding to the end
of the data;
transferring the data to a destination; and,
upon receiving confirmation that the data transfer was successful, updating the
location of a committed read pointer to a location corresponding to the end
10 of the data.
2. A method as claimed in claim 1, further comprising:
upon receiving no confirmation or a negative confirmation that the data transfer
was successful;
15 updating the location of the latest read pointer to assume the location of the
committed read pointer.
3. A method according to either preceding claim, further comprising: storing the latest
read pointer location and the committed read pointer location, and using the latest read
20 pointer and the committed read pointer to manage data subsequently read from a second
queue.
4. A method according to either of claims 1 and 2, further comprising:
reading second data from the head of the queue; -
25 updating the location of a second latest read pointer to a location corresponding to
the end of the second data;
transferring the second data to the destination; and,
upon receiving confirmation that the transfer of the second data was successful,
removing the second latest read pointer from the location corresponding to
30 the end of the second data.

